

WHAT IS CLAIMED IS:

1 1. A personal access device (PAD) capable of browsing web
2 sites on an Internet protocol (IP) network comprising:

3 a radio frequency (RF) transceiver capable of wirelessly
4 communicating with a base station coupled to said IP network,
5 wherein said RF transceiver transmits IP data packets to said base
6 station and receives IP data packets from said base station; and

7 a PAD controller capable of executing an Internet browser
8 application and displaying web pages associated with said web sites
9 on a display screen of said personal access device, wherein said
10 PAD controller is further capable of transmitting voice data to,
11 and receiving voice data from, said base station via said RF
12 transceiver.

1 2. The personal access device as set forth in Claim 1
2 wherein said PAD controller transmits said voice data to, and
3 receives said voice data from, said base station in Internet
4 protocol (IP) data packets.

1 3. The personal access device as set forth in Claim 2
2 wherein said PAD controller and said base station establish a low
3 latency connection for transmitting and receiving said IP data
4 packets containing said voice data.

1 4. The personal access device as set forth in Claim 3
2 wherein said PAD controller executes a voice-over-IP application
3 capable of transmitting and receiving said IP data packets.

1 5. The personal access device as set forth in Claim 1
2 wherein said personal access device further comprises a microphone
3 for detecting the voice of a user and a speaker for transmitting an
4 incoming voice signal to the user.

1 6. The personal access device as set forth in Claim 5
2 wherein said personal access device comprises a display screen
3 module capable of housing said display screen and a user control
4 module removably attached to said display screen module, wherein
5 said RF transceiver and said PAD controller are disposed in said
6 user control module.

1 7. The personal access device as set forth in Claim 6
2 wherein said microphone and said speaker are disposed in said user
3 control module.

1 8. The personal access device as set forth in Claim 7
2 wherein said PAD controller is capable of determining when said
3 user control module and said display screen module are separated.

1 9. The personal access device as set forth in Claim 8
2 wherein said PAD controller, in response to a determination that
3 said user control module and said display screen module are
4 separated, establishes a low latency connection to said base
5 station for transmitting and receiving said voice data.

009260-092600

1 10. An apparatus for browsing web sites on an Internet
2 protocol (IP) network comprising:

3 a base station capable of transmitting IP data packets
4 to, and receiving IP data packets from, said IP network; and

5 a personal access device (PAD) comprising:

6 a radio frequency (RF) transceiver capable of
7 wirelessly communicating with said base station, wherein said
8 RF transceiver transmits IP data packets to said base station
9 and receives IP data packets from said base station; and

10 a PAD controller capable of executing an Internet
11 browser application and displaying web pages associated with
12 said web sites on a display screen of said personal access
13 device, wherein said PAD controller is further capable of
14 transmitting voice data to, and receiving voice data from,
15 said base station via said RF transceiver.

1 11. The apparatus as set forth in Claim 10 wherein said PAD
2 controller transmits said voice data to, and receives said voice
3 data from, said base station in Internet protocol (IP) data
4 packets.

1 12. The apparatus as set forth in Claim 11 wherein said PAD
2 controller and said base station establish a low latency connection
3 for transmitting and receiving said IP data packets containing said
4 voice data.

1 13. The apparatus as set forth in Claim 12 wherein said PAD
2 controller executes a voice-over-IP application capable of
3 transmitting and receiving said IP data packets.

1 14. The apparatus as set forth in Claim 10 wherein said
2 personal access device further comprises a microphone for detecting
3 the voice of a user and a speaker for transmitting an incoming
4 voice signal to the user.

1 15. The apparatus as set forth in Claim 15 wherein said
2 personal access device comprises a display screen module capable of
3 housing said display screen and a user control module removably
4 attached to said display screen module, wherein said RF transceiver
5 and said PAD controller are disposed in said user control module.

1 16. The apparatus as set forth in Claim 15 wherein said
2 microphone and said speaker are disposed in said user control
3 module.

1 17. The apparatus as set forth in Claim 16 wherein said PAD
2 controller is capable of determining when said user control module
3 and said display screen module are separated.

1 18. The apparatus as set forth in Claim 17 wherein said PAD
2 controller, in response to a determination that said user control
3 module and said display screen module are separated, establishes a
4 low latency connection to said base station for transmitting and
5 receiving said voice data.

009260-60759960

19. A method of establishing a telephone connection for use in a modular personal access device (PAD) capable of browsing web sites on an Internet protocol (IP) network, the modular personal access device comprising: 1) a display screen module capable of housing a display screen; and 2) a user control module removably attached to the display screen module, the user control module comprising: a) a radio frequency (RF) transceiver capable of wirelessly communicating with a base station coupled to the IP network; and b) a PAD controller capable of executing an Internet browser application and displaying web pages associated with the web sites on the display screen, the method comprising the steps of:

detecting an incoming call alert signal transmitted by the base station; and

in response to the detection of the incoming call alert signal transmitting voice data to the base station via the RF transceiver and receiving voice data from the base station via the RF transceiver.

1 20. The method as set forth in Claim 19 wherein the steps of
2 transmitting and receiving voice data comprise the substeps of
3 transmitting voice data to the base station in Internet protocol
4 (IP) data packets and receiving voice data from the base station in
5 Internet protocol (IP) data packets.

1 21. The method as set forth in Claim 20 further comprising
2 the step of establishing a low latency connection for transmitting
3 and receiving the IP data packets containing the voice data.

009260-092600

add
Al